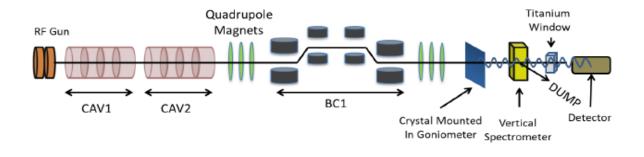


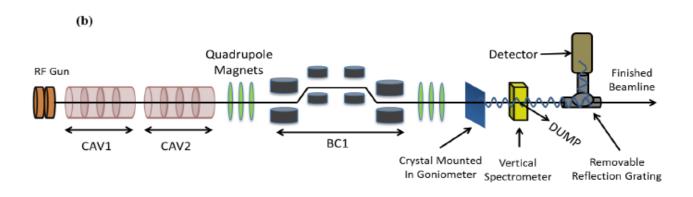
Managed by Fermi Research Alliance, LLC for the U.S. Department of Energy Office of Science

# **Channeling Experiments at FAST Facility**

Kyle Capobianco-Hogan (Mentor: Tanaji Sen) 2014 Lee Teng Practice Talks 24 July 2015

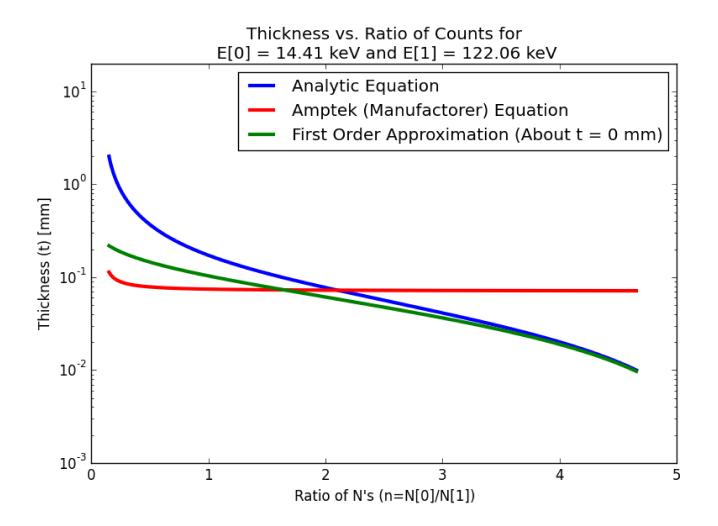
## **Experimental Setup at FAST**





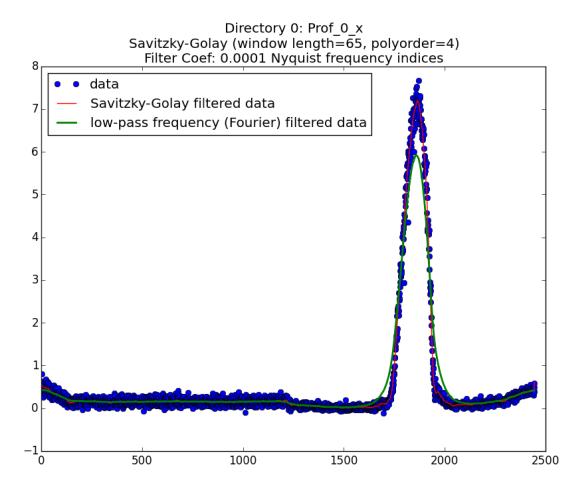


# Thickness of X-ray Detector's CdTe Diode



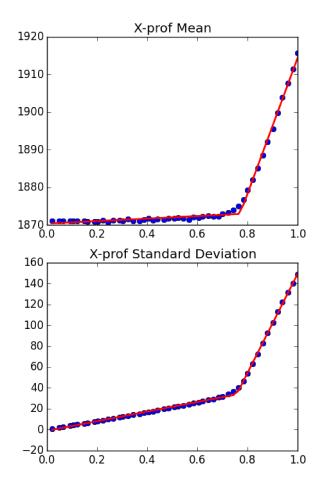


#### **Emittance Calculations: Beam Profile**





## **Emittance Calculations: Direct RMS Calculations**





## **Emittance Calculations: Direct RMS Calculations**

